

INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO - 1449		ATTORNEY DOCKET NO. 980110D/TL		SERIAL NUMBER To be assigned			
		APPLICANT: Masashi SHIRAISHI et al					
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U. S. PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	NAME	Class	Sub		
11/1	4,809,103 ✓	02/1989	Lazzari	—	—		
	5,006,946 ✓	04/1991	Matsuzaki	—	—		
	5,055,969 ✓	10/1981	Putnam	—	—		
	5,065,271 ✓	11/1991	Matsuura et al	—	—		
	5,199,090	03/1993	Bell	—	—		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	Class	Sub	Translation YES NO	
11/1	53-69623	06/1978	Japan	—	—		
	3-25717	02/1991	Japan	—	—		
	3-71493	07/1991	Japan	—	—		
	3-85641	08/1991	Japan	—	—		
	5-109002	04/1993	Japan	—	—		
	5-55557	07/1993	Japan	—	—		
	6-140466	05/1994	Japan	—	—		
	6-195668	07/1994	Japan	—	—		
	6-70848	09/1994	Japan	—	—		
OTHER DOCUMENTS (Author, Title, Date, Pages, Publication, etc.)							
11/1	"MAGNETIC HEAD ASSEMBLY AND ELECTRONIC CIRCUITRY", J. E. Hitchner et al., IBM Technical Bulletin, Vol. 25, No. 7A, December 1982.						
11/1	PATENT ABSTRACTS OF JAPAN, Vol. 15, No. 305 (P-1234), 4 August, 1991, JP-03-10812- A (Mitsubishi Electric Corp.).						
EXAMINER: <i>RTG</i>				DATE CONSIDERED: 8/6/02			